Index of Claims

Application/Control No.	Applicant(s)/Patent Under Reexamination
10678299	YAMAZAKI ET AL.
Examiner	Art Unit
Gebremariam Samuel A	2811

1	Rejected	•
=	Allowed	-

-	Cancelled
4	Restricted

N	Non-Elected
I	Interference

Α	Appeal
0	Objected

Final Original Origin	÷ ÷ ÷ ÷ ÷ † † † † † † † † † † † † † † †	-	-	12/22/2008	-	12/18/2010	10/01/2011	
- 11 2 3 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 22 25	÷ ÷ ÷ ÷ ÷ † † † † † † † † † † † † † † †	-	-	- · · · · · · · · · · · · · · · · · · ·	-	- - - - - - - - - - - - - -	- = = = = = = = = = = = = = = = = = = =	
3 4 5 6 6 7 7 8 9 10 11 12 13 14 15 16 17 18 20 21 22 22 25 22 25	÷ ÷ ÷ ÷ ÷ † † † † † † † † † † † † † †	-	V V V V V V V V V V V V V V V V V V V	V V V V V V V V V V V V V V V V V V V	V V V V V V V V V V V V V V V V V V V	/ / / / / / / / / / / / / / / / / / /	= = N N N N N N N N	
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 20 22 22 22 25	÷ ÷ ÷ ÷ ÷ † † † † † † † † † † † † † † †	-	V V V V V V V V V V V V V V V V V V V	V V V V V V V V V V V V V V V V V V V	\(\frac{1}{2} \) \(\frac{1} \) \(\frac{1}{2} \) \(\frac{1}{2} \) \(\frac{1}{2} \) \(\frac{1} \) \(\frac{1} \) \(\frac{1}{2} \) \(\frac{1}{2} \) \(/ / / / / / / / / / / / / / / / / / /	= N N N N N N N	
55 66 77 88 99 10 11- 12- 13- 14- 15- 16- 17- 18- 19- 20 21- 22- 22- 22- 25- 22- 25- 26- 26- 26- 26- 26- 26- 26- 26- 26- 26	÷ ÷ ÷ ÷ ÷ † † * * * * * * * * * * * * *	-	V V V V V V V V V V V V V V V V V V V	V V V V V V V V V V V V V V V V V V V	Y Y Y Y Y N N N N N N N	/ / / / / / / / / / / / / / / / / / /	N N N N N N N N	
66 77 88 99 100 111 122 133 144 155 160 177 200 201 202 202 202 202 202	÷ ÷ ÷ ÷ ÷ † † † † † † † † † †	-	V V V V V V V V V V V V V V V V V V V	V V V V V V V V V V V V V V V V V V V	V V V V V V V V V V V V V V V V V V V	V V V V V V V V V V V V V V V V V V V		
77 88 99 10 11 12 13 14 15 16 17 18 20 21 22 22 25	÷ ÷ ÷ ÷ † † * * * * * * * * * * * * * *	-	V V V V V V V V V V V V V V V V V V V	V V V V V V V V V V V V V V V V V V V	\(\frac{1}{2} \)	V V V V V V V V V V V V V V V V V V V		
8 9 10 11 12 13 14 15 16 17 18 19 20 22 22 22 22 25 25	÷ ; ; ; ; ; ; ; ; ; ; ; ; ;	-	V V V V V V V V V V V V V V V V V V V	V V V V V V V V V V V V V V V V V V V	\(\frac{1}{2} \)	V V V V V V V V V V V V V V V V V V V	N N N N N N N	
9 10 11 12 13 14 15 16 17 18 20 20 20 20 20 20 20 20 20 20 20 20 20	÷	-	V V V V V V V V V V V V V V V V V V V	V V V V V V V V V V V V V V V V V V V	V V V V V V V V V V V V V V V V V V V	V V V V V V V V V V V V V V V V V V V	N N N N N N	
10 11 12 13 14 15 16 17 18 20 21 22 23 24 25	÷ ; ; ; ; ; ; ; ; ; ; ; ; ;	-	V V N N N N N N N N N N N N N N N N N N	, , , , , , , , , , , , , , , , , , ,	V V N N N N N N N	V V N N N N N N N	- N N N N N N N	
11 12 13 14 15 16 17 18 19 20 22 22 22 25 25	÷ 2	- V N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N	V N N N N N N N N N N N N N N N N N N N	N N N N N N	N N N N N	- N N N N N N N	
12 13 14 15 16 17 18 19 20 2- 22 23 24	2 ÷ 3 ÷ 4 ÷ 5 ÷ 7 ÷	- N - N - N - N - N - N	N N N N N N N N N N N N N N N N N N N	N N N N N	N N N N N	N N N N	N N N N	
13 14 15 16 17 18 19 20 2° 22 23 24 25	3 ÷ 1 ÷ 5 ÷ 7 ÷	N N N N N N N N N N N N N N N N N N N	N N N N	N N N N	N N N N	N N N	N N N	
14 15 16 17 18 19 20 21 22 23 24 25	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	- N - N - N - N	N N N N	N N N	N N N	N N N	N N N	
15 16 17 18 19 20 2- 2- 22 25 2- 2- 2- 2- 2- 2- 2- 2- 2- 2- 2- 2- 2-	; ÷	- N - N - N	N N N	N N N	N N N	N N	N N	
16 17 18 19 20 2- 22 23 24 25	; ÷	- N - N	N N N	N N	N N	N	N	
17 18 19 20 2° 22 23 24 24	, ÷	- N	N N	N	N			
18 19 20 2- 22 23 24 25		- ✓	N			N	N	
19 20 2- 22 23 24 25	÷			N				
20 2- 22 23 24 24		_			N	N	N	
2° 22 23 24 24) ÷		N	N	N	Ν	N	
22 23 24 28) ÷	- ✓	✓	✓	✓	√	-	
23 24 25	÷	- ✓	✓	✓	✓	√	-	
24 25	? ÷	- 🗸	✓	✓	✓	~	-	
25	3 ÷	- 🗸	✓	✓	✓	✓	=	
	÷	- 🗸	✓	✓	✓	√	=	
26	i ÷	- ✓	✓	✓	✓	✓	-	
) ÷	- ✓	✓	✓	✓	✓	-	
27	' ÷	- ✓	✓	✓	✓	✓	-	
28	3 ÷	- ✓	✓	✓	✓	✓	-	
29) ÷	- ✓	✓	✓	✓	✓	=	
30) ÷	- 🗸	✓	✓	✓	✓	=	
31	÷		✓	✓	✓	✓	-	
32	÷	- 🗸	✓	✓	✓	✓	-	
33	3 ÷	- N	N	✓	✓	✓	N	
34		- N	N	✓	✓	✓	N	

	Application/Control No.	Applicant(s)/Patent Under Reexamination
Index of Claims	10678299	YAMAZAKI ET AL.
	Examiner	Art Unit
	Gebremariam, Samuel A	2811

✓	✓ Rejected		- Cancelled		N	N Non-Elected		A	Ap	Appeal	
=	Allowed	÷	Res	tricted	I	Interf	erence	0	Obje	ected	
☐ Cla	ms renumbered in the same order as presented by applicant		applicant		□ СРА	□ т.с). 🗆	R.1.47			
(CLAIM					DATE					
Fina	l Original	10/01/2007	12/07/2007	07/03/2008	12/22/2008	07/18/2009	12/18/2010	10/01/2011			
	37			✓	✓	√	✓	-			
	38			✓	✓	√	✓	-			

CL	AIM	DATE									
Final	Original	10/01/2007	12/07/2007	07/03/2008	12/22/2008	07/18/2009	12/18/2010	10/01/2011			
	37			✓	✓	✓	✓	-			
	38			✓	✓	✓	✓	-			
	39			✓	✓	✓	✓	=			
	40			✓	✓	✓	✓	-			
	41			✓	✓	✓	✓	-			
	42			✓	✓	✓	✓	=			
	43			✓	✓	✓	✓	-			
	44				✓	-	-	-			
	45				✓	-	-	-			
	46				✓	-	-	-			
	47				✓	-	-	-			
	48				✓	-	-	-			
	49				✓	-	-	-			
	50				✓	-	-	-			
	51				✓	-	-	-			
	52				✓	-	-	-			
	53							✓			
	54							✓			
	55							✓			
	56							✓			
	57							✓			
	I 50	1	I	ı	I	I	I	1 / 1		1	

U.S. Patent and Trademark Office Part of Paper No. : 20111001